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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Applicant: Lym

| U.S. PATENT DOCUMENTS   Publication Number   Publication Date   Applicant / Patentee   Class   Subclass   Filing Date   Class   C |                      |       | (Use Several Sheets                  | If Necessary)       |                          | Filing Date: Septem     | her 0, 2003           | Group Art Un    | it:2623              |      |
|--|----------------------|-------|--------------------------------------|---------------------|--------------------------|-------------------------|-----------------------|-----------------|----------------------|------|
| Publication Number   | 37 CFR § 1.9         | 8(b)) |                                      |                     | LLC DATENT DOC           |                         | DEI 9, 2003           | T Gloup Ait Oil | 11.2023              |      |
| AA   2001/0042073 A1   11/15/01   Saether et al.   707   203   0.992499  |                      | l     |                                      | 5                   | U.S. PATENT DOC          | UMENIS                  | <del></del>           |                 | 1                    | •    |
| AB   20040073901 A1   0441504   Imamatsu   717   170   11/1003     AC   2004/0181790 A1   09716/04   Herrick   717   168   03/12/04     AD   6,119.165   09012/00   Li et al.   709   229   11/17/97     AE   6,308.061 B1   10/23/01   Criss et al.   455   418   01/21/99     AF   6,493.748 B1   12/10/02   Nakayama et al.   709   218   07/27/00     AG   6,643.506 B1   11/04/03   Criss et al.   455   419   12/10/98     AH   6,753.434 B2   05/11/04   Criss et al.   455   418   06/07/01     AI   6,754.717 B1   06/22/04   Day, III et al.   709   248   10/23/00     AJ   6,968.148 B2   11/12/05   Criss et al.   455   418   06/07/01     AK   6,590.498 B2   01/24/06   Fenton et al.   707   102   07/26/01     AL   7,117.253 B2   10/03/06   Nakayama et al.   709   218   11/05/02     AM   7,117.482 B2   10/03/06   Nakayama et al.   709   218   11/05/02     AM   7,117.482 B2   10/03/06   Nakayama et al.   709   218   11/05/02     AM   7,117.482 B2   10/03/06   Nguyen et al.   717   122   03/26/03     AN   AN   Translation   AN   AN   AN   AN   AN   AN   AN   A  | Examiner<br>Initials |       | Patent Number/<br>Publication Number | Publication Date    | Applicant / Patentee     |                         | Class                 | Subclass        | Subclass Filing Date |      |
| AC   2004-0181790 A1   69716-04   Herrick   717   168   03/12-04     AD   6,119,165   09/12/00   Li et al.   709   229   11/17/97     AE   6,080,661 B1   1022/01   Criss et al.   455   418   01/12/09     AF   6,493,748 B1   12/10/02   Nakayama et al.   709   218   07/12/00     AG   6,643,506 B1   11/04/03   Criss et al.   455   419   12/10/98     AH   6,735,834 B2   05/11/04   Criss et al.   455   418   0607/01     AI   6,755,717 B1   0602/204   Day, III et al.   709   248   10/23/00     AJ   6,968,184 B2   11/12/05   Criss et al.   455   418   0607/01     AJ   6,969,498 B2   01/24/06   Fenton et al.   707   102   07/26/01     AL   7,117,253 B2   10/03/06   Nakayama et al.   707   102   07/26/01     AM   7,117,482 B2   10/03/06   Nakayama et al.   709   218   11/05/02     AM   7,117,482 B2   10/03/06   Nguyen et al.   717   122   03/26/03     AN   AN   FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS      FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS   Translation   748   748     AG   AR   AT   OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)   AV   AV   AX   AX   AX   AX   AX   AX   |                      | AA    | 2001/0042073 A1                      | 11/15/01            | Saether et al.           |                         | 707                   | 203             | 09/24/99             |      |
| AD   6,119,165   091,200   |                      | AB    | 2004/0073901 A1                      | 04/15/04            | Imamatsu                 |                         | 717                   | 170             | 11/10/03             |      |
| AE   |                      | AC    | 2004/0181790 A1                      | 09/16/04            | Herrick                  |                         | 717                   | 168             | 03/12/04             |      |
| AF 6,493,748 B1 12/10/02 Nakayama et al. 709 218 07/27/00  AG 6,643,506 B1 11/04/03 Criss et al. 455 419 12/10/98  AH 6,753,634 B2 05/11/04 Criss et al. 455 418 06/07/01  AI 6,754,717 B1 06/22/04 Day, ill et al. 709 248 10/23/00  AJ 6,968,184 B2 11/20/5 Criss et al. 455 418 06/17/01  AK 6,990,498 B2 01/24/06 Fenton et al. 707 102 07/26/01  AL 7,117,253 B2 10/03/06 Nakayama et al. 709 218 11/05/02  AM 7,117,482 B2 10/03/06 Nguyen et al. 717 122 03/26/03  AN 7,117,482 B2 10/03/06 Nguyen et al. 717 122 03/26/03  AN AO COUNTER DOCUMENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS  FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS  OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)  AV AV AX   |                      | AD    | 6,119,165                            | 09/12/00            | Li et al.                |                         | 709                   | 229             | 11/17/97             |      |
| AG   | -                    | AE    | 6,308,061 B1                         | 10/23/01            | Criss et al.             |                         | 455                   | 418             | 01/21/99             |      |
| AH   |                      | AF    | 6,493,748 B1                         | 12/10/02            | Nakayama et al.          |                         | 709                   | 218             | 07/27/00             |      |
| AI   |                      | AG    | 6,643,506 B1                         | 11/04/03            | Criss et al.             |                         | 455                   | 419             | 12/10/98             |      |
| AJ 6,965,184 B2 11/22/05 Criss et al. 455 418 08/18/03  AK 6,990,498 B2 01/24/06 Fenton et al. 707 102 07/26/01  AL 7,117,253 B2 10/03/06 Nakayama et al. 709 218 11/05/02  AM 7,117,482 B2 10/03/06 Nguyen et al. 717 122 03/26/03  AN AO FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS  FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS  AP Document Number Publication Date Country / Patent Office Class Subclass Yes No AP AQ AQ AT AT OTHER DOCUMENTS (including Author, Title, Date, Relevant Pages, Place of Publication)  OTHER DOCUMENTS (including Author, Title, Date, Relevant Pages, Place of Publication)  AU AV AX AX AX AY AY AZ BB   |                      | AH    | 6,735,434 B2                         | 05/11/04            | Criss et al.             |                         | 455 >                 | 418             | 06/07/01             |      |
| AK 6,990,498 B2 01/24/06   |                      | Al    | 6,754,717 B1                         | 06/22/04            | Day                      | y, III et al.           | 709                   | 248             | 10/2                 | 3/00 |
| AL 7,117,253 B2 10/03/06 Nakayama et al. 709 218 11/05/02  AM 7,117,482 B2 10/03/06 Nguyen et al. 717 122 03/26/03  AN AO FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS  FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS  AP Document Number Publication Date Country / Patent Office Class Subclass Translation Yes No AP AR AR AS AS AT OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)  AU AV AV AW AR AX AY AY AZ BB BB BC Including Author Date Considered:  Date Considered:  Date Considered:  Intitial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form   |                      | AJ    | 6,968,184 B2                         | 11/22/05            | Cr                       | riss et al.             | 455                   | 418             | 08/1                 | 8/03 |
| AM   |                      | AK    | 6,990,498 B2                         | 01/24/06            | Fer                      | nton et al.             | 707                   | 102             | 07/2                 | 6/01 |
| FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS  FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS  Class Subclass Translation Yes No AP AQ AQ AR AR AS AS AT OTHER DOCUMENTS (including Author, Title, Date, Relevant Pages, Place of Publication)  AU AV AW AX AY AY AZ BB BB BB BB BC Initial cliation considered. Draw line through cliation if not in conformance and not considered. Include copy of this form   |                      | AL    | 7,117,253 B2                         | 10/03/06            | Naka                     | yama et al.             | 709                   | 218             | 11/0                 | 5/02 |
| FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS    Document Number   Publication Date   Country / Patent Office   Class   Subclass   Translation   Yes   No.  |                      | AM    | 7,117,482 B2                         | 10/03/06            | Ngı                      | uyen et al.             | 717                   | 122             | 03/2                 | 6/03 |
| FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS    Document Number   Publication Date   Country / Patent Office   Class   Subclass   Translation   Yes   No.   No.  |                      | AN    |                                      |                     |                          |                         |                       |                 |                      |      |
| Document Number Publication Date Country / Patent Office Class Subclass Translation Yes No. AP AP AQ AQ AQ AR AR AR AY AY AZ BBA BB   |                      | AO    |                                      |                     |                          |                         |                       |                 |                      |      |
| Document Number Publication Date Country / Patent Office Class Subclass Yes No AP AQ AQ AQ AR AR AR AT AT AT AT AT AT AT AT AY AX AX AX AY AX AX AY AZ BA BB  |                      | ·     | F                                    | OREIGN PATENTS      | OR PUBLISHED FO          | REIGN PATENT APP        | LICATIONS             | <del></del>     | ·                    |      |
| AP AQ AQ AR AR AS AT OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)  AU AV AV AV AX AY AZ BA BB  |                      |       | Document Number                      | Publication Date    | Country                  | / Patent Office         | Class                 | Subclass        |                      |      |
| AR  AS  OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)  AU  AV  AW  AX  AY  AZ  BBA  BB  BC  Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form  |                      | AP    |                                      |                     |                          |                         |                       |                 |                      |      |
| AS AT OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)  AU AV AW AX AZ BBA BB BC BC Date Considered. Draw line through citation if not in conformance and not considered. Include copy of this form   |                      | AQ    |                                      |                     |                          |                         |                       |                 |                      |      |
| OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)  AU  AV  AW  AX  AY  BA  BB  BB  BC  Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form   |                      | AR    |                                      |                     |                          |                         |                       |                 |                      |      |
| OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)  AU  AV  AW  AX  AY  BA  BB  BB  BC  Aminer:  Date Considered:  Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form  |                      | AS    |                                      |                     |                          |                         |                       |                 |                      |      |
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| AV AW AX AY AZ BA BB BC Caminer:  Date Considered:  Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form  | _                    |       | OTHER                                | DOCUMENTS (Incl     | uding Author, Title, D   | Date, Relevant Pages, P | lace of Publication)  |                 |                      |      |
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| BB BC Date Considered:  NAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form   |                      | AZ    |                                      |                     |                          |                         |                       |                 |                      |      |
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| XAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form   | xaminer:             |       |                                      |                     |                          | Date Considered:        |                       |                 |                      |      |
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